



# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

GAIL FARBER, Director

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

April 21, 2009

IN REPLY PLEASE

REFER TO FILE:

C-1

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

**ADOPTED**

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

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APRIL 21, 2009

Dear Supervisors:

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACT  
BIG TUJUNGA DAM SEISMIC REHABILITATION AND SPILLWAY MODIFICATION  
UNINCORPORATED COMMUNITY OF SUNLAND  
(SUPERVISORIAL DISTRICT 5)  
(3 VOTES)**

**SUBJECT**

This action is to approve changes in work and the increased contract amount for a public works construction contract for Big Tujunga Dam Seismic Rehabilitation and Spillway Modification in the unincorporated community of Sunland.

**IT IS RECOMMENDED THAT YOUR BOARD ACTING AS THE GOVERNING BODY  
OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT:**

Find that the requested changes in work have no significant effect on the environment and approve the increased contract amount and the changes for the following construction contract:

- Project ID No. WRDD000005 - Big Tujunga Dam Seismic Rehabilitation and Spillway Modification, to construct arch dam, spillway, abutment wall, control house, and generator buildings; perform excavation, grouting, electrical instrumentation, and plumbing work; and install penstocks, a generator system, and butterfly and jet-flow valves, in the unincorporated community of Sunland, to Shimmick Construction Company, Inc., for variations in bid quantities and to use a revised grout mix, with an increase in the contract amount of \$442,800.00.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The purpose of the recommended action is to obtain your Board's approval for the changes in public works contract in support of the timely completion of the project while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the attachment.

The Director of Public Works or her designee has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Attached for your authorization are changes in work in excess of the Director of Public Works' delegated limit, which are required to complete the project.

### **Implementation of Strategic Plan Goals**

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected community.

### **FISCAL IMPACT/FINANCING**

These changes in work will have no impact to the County General Fund.

The estimated change order amount for this contract is an increase of \$442,800.00.

Sufficient funds are available in the Board-approved appropriations for the project to cover the costs of the requested changes. Detailed cost breakdowns for the changes, together with contract cost summaries, are included in the attachment.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

The contract for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

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### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the attachment do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

The contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the attachment.


### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under the contract and result in complete and usable facilities.

### **CONCLUSION**

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

Respectfully submitted,

  
GAIL FARBER  
Director of Public Works

GF:JTS:lgn

Attachment

c: Chief Executive Office (Lari Sheehan)  
County Counsel  
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)  
April 21, 2009

PROJECT ID NO. WRDD000005 - BIG TUJUNGA DAM SEISMIC REHABILITATION AND SPILLWAY MODIFICATION (in the unincorporated community of Sunland), Supervisorial District 5, Contractor: Shimmick Construction Company, Inc.

Project Description:

Construction of thick arch dam, spillway, abutment wall, control house, and generator buildings; perform common excavation, rock excavation, consolidation grouting, electrical and instrumentation work, plumbing work; install penstocks, butterfly and jet-flow valves, a generator system; and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$343,800.00
(2) Use Revised Grout Mix	<u>99,000.00</u>
Total	<u>\$442,800.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Your Board previously approved a change in work for limited use of a revised grout mix in lieu of the specified mix for consolidation of the proposed dam foundation. The California Department of Water Resources, Division of Safety of Dams has since given approval for unrestricted use of the mix. It will be necessary to increase the volume of grout required for consolidation of the dam foundation.

The costs for Item 1 will be based on contract unit prices. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty-six additional calendar days will be required because of these changes. In addition, twelve noncompensable calendar days unrelated to these changes were granted to the contractor.

Financial Information:

Funding for these changes in work is included in the Los Angeles County Flood Control District Budget for Fiscal Year 2008-09.

Revised Contract Amount:

Original contract amount	\$88,533,680.00
Changes in work approved under delegated authority	81,175.00
Changes in work previously approved by your Board	3,139,476.90
Changes in work to be authorized	<u>442,800.00</u>
Revised Contract Amount	<u>\$92,197,131.90</u>
Percent total change to original contract amount	4.1%

HH:lgn